



Tech Tip

October 2025

ComfortLink II Zoning with 24v A2L Systems

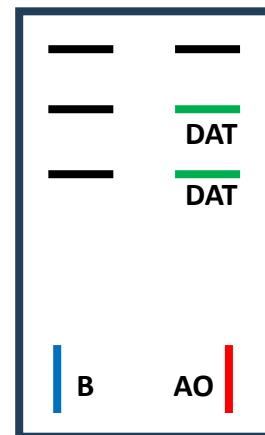
Zoning is now available on 24v A2L systems which utilize Mitigation Controls. When mitigation occurs the blower will speed up to cooling fan speeds which will cause airflow issues using traditional 24v zoning.

Utilizing a **T92P11A22-24** Relay (Pictured on right) available through electronics distributors; the **Discharge Air Temperature (DAT) sensor** can be opened on an alarm which disables zoning and opens all dampers until mitigation clears. **This relay is the ONLY approved method due to gold contacts that reduce resistance.**

The relay is controlled by the **alarm output (Ao)** of the Mitigation Control Board. The normally closed contacts of the relay are connected in series with the **DAT**.

When the **alarm output** of the **MCB** is triggered, the normally closed contacts of the relay will open the **DAT** causing the zone panel to disable zoning and trigger a DAT trip alarm (SOP.004.56) on the 1050 control. **Can be tested by shorting the test pins on the MCB.**

Scan the QR code on the right for a FieldTechHelp.com video explaining further or utilize the attached wiring diagram for proper wiring.



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